

# ABSTRACT

Disclosed are novel materials separated from *Ecklonia cava*, a method for extracting and purifying the same, and the use thereof for antioxidants. The method comprises extracting antioxidative ingredients from powdered *Ecklonia cava* one or more times with an organic solvent; fractionating the antioxidative ingredients one or more times in solvents; and purifying the solvent fractions by chromatography. Superior in scavenging activity and thermal stability, the extract from *Ecklonia cava* can be used as antioxidants and is suitable in commercialization.